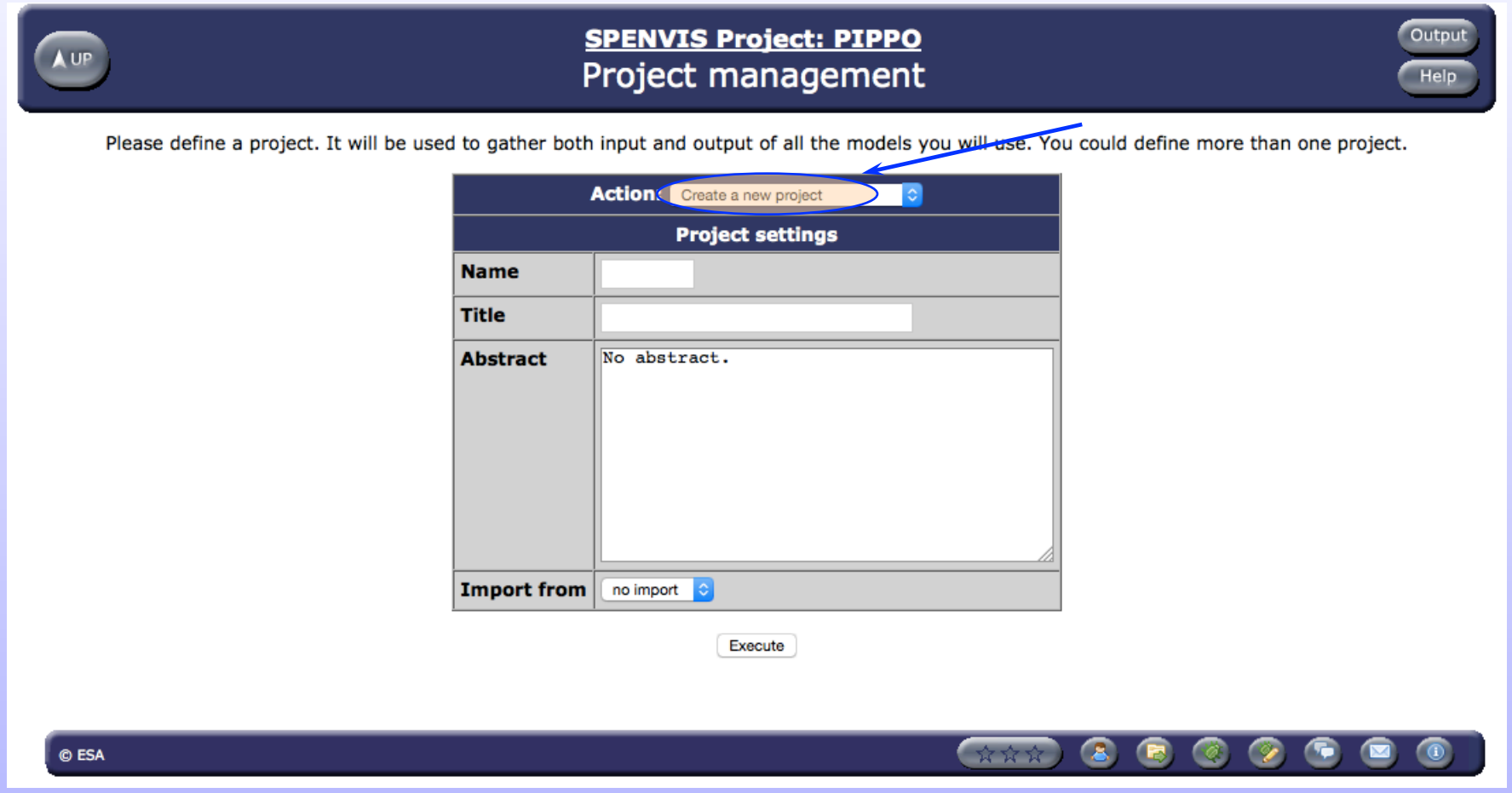
SPENVIS 1/5

http://www.spenvis.oma.be/intro.php

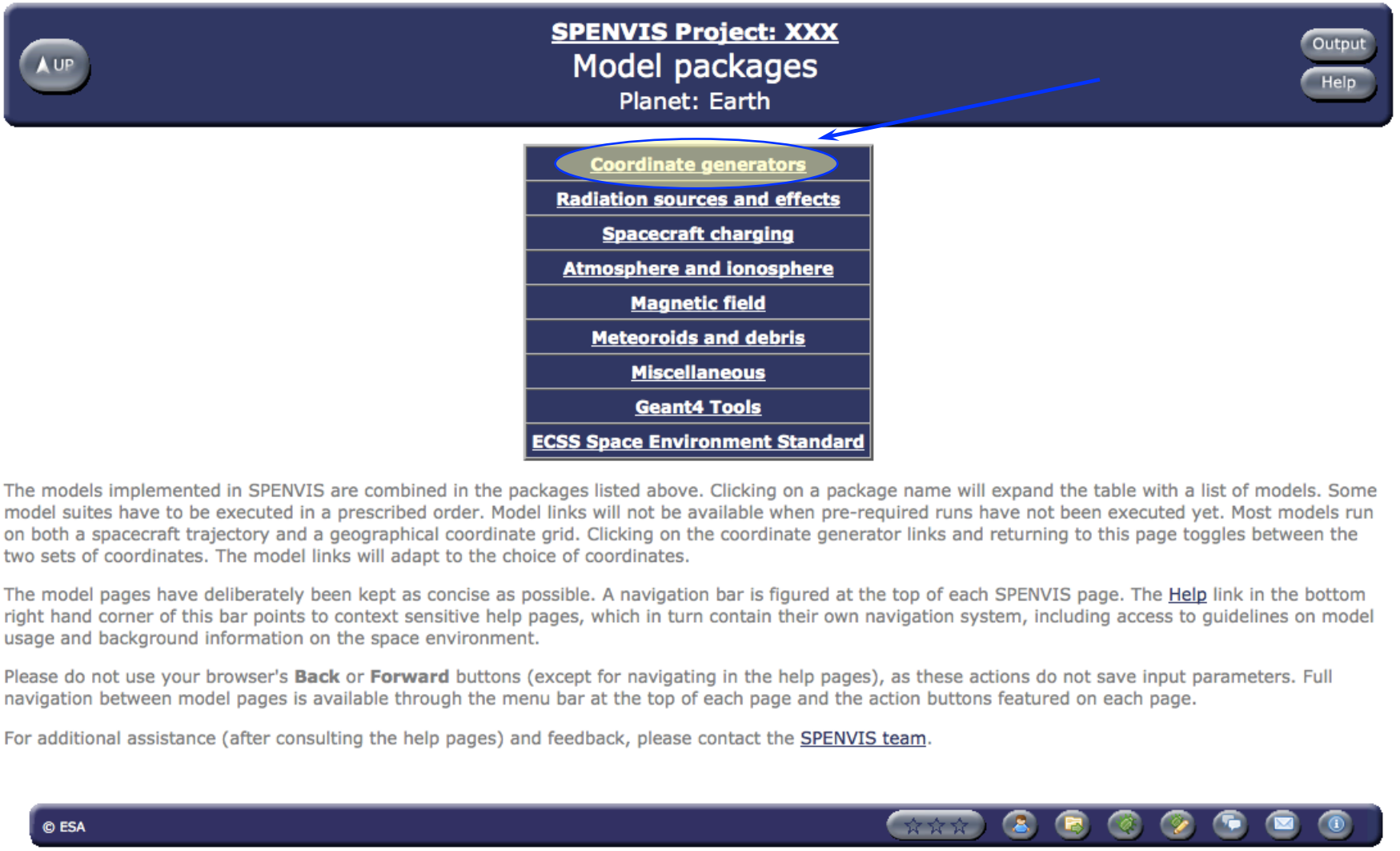
SPENVIS 2/5

Username: carso_stud *1-13* Password: spacenv

SPENVIS 3/5


UP
SPENVIS Project: PIPPO
Project management
Output
Help
Please define a project. It will be used to gather both input and output of all the models you will use. You could define more than one project.
Action: Create a new project
Project settings
Name
Title
Abstract
No abstract.
Import from
no import
Execute
© ESA

SPENVIS 4/5


UP
SPENVIS Project: XXX
Model packages
Planet: Earth
Output
Help
Coordinate generators
Radiation sources and effects
Spacecraft charging
Atmosphere and ionosphere
Magnetic field
Meteoroids and debris
Miscellaneous
Geant4 Tools
ECSS Space Environment Standard
The models implemented in SPENVIS are combined in the packages listed above. Clicking on a package name will expand the table with a list of models. Some model suites have to be executed in a prescribed order. Model links will not be available when pre-required runs have not been executed yet. Most models run on both a spacecraft trajectory and a geographical coordinate grid. Clicking on the coordinate generator links and returning to this page toggles between the two sets of coordinates. The model links will adapt to the choice of coordinates.
The model pages have deliberately been kept as concise as possible. A navigation bar is figured at the top of each SPENVIS page. The Help link in the bottom right hand corner of this bar points to context sensitive help pages, which in turn contain their own navigation system, including access to guidelines on model usage and background information on the space environment.
Please do not use your browser's Back or Forward buttons (except for navigating in the help pages), as these actions do not save input parameters. Full navigation between model pages is available through the menu bar at the top of each page and the action buttons featured on each page.
For additional assistance (after consulting the help pages) and feedback, please contact the SPENVIS team.
© ESA

SPENVIS 5/5


UP
SPENVIS Project: XXX
Model packages
Planet: Earth
Output
Help
Coordinate generators
Spacecraft trajectories
or
Geographical coordinate grids
Radiation sources and effects
Spacecraft charging
Atmosphere and ionosphere
Magnetic field
Meteoroids and debris
Miscellaneous
Geant4 Tools
ECSS Space Environment Standard
The models implemented in SPENVIS are combined in the packages listed above. Clicking on a package name will expand the table with a list of models. Some model suites have to be executed in a prescribed order. Model links will not be available when pre-required runs have not been executed yet. Most models run on both a spacecraft trajectory and a geographical coordinate grid. Clicking on the coordinate generator links and returning to this page toggles between the two sets of coordinates. The model links will adapt to the choice of coordinates.
The model pages have deliberately been kept as concise as possible. A navigation bar is figured at the top of each SPENVIS page. The Help link in the bottom right hand corner of this bar points to context sensitive help pages, which in turn contain their own navigation system, including access to guidelines on model usage and background information on the space environment.
Please do not use your browser's Back or Forward buttons (except for navigating in the help pages), as these actions do not save input parameters. Full navigation between model pages is available through the menu bar at the top of each page and the action buttons featured on each page.
For additional assistance (after consulting the help pages) and feedback, please contact the SPENVIS team.
© ESA